

# Series DX-8000 Dart Impact Testers

*Full-Featured Dart Drop Impact Testers for Film and Sheet*

Oakland Instrument offers the Series DX-8000, a simple to use stand-alone, non-instrumented tester, for measuring impact resistance of film, sheet, and laminated materials.

## Improved Film and Sheet Quality, Increased Profit Margins

The Series 8000 Dart Impact Tester is a proven tool for more closely controlling nominal and peak strength characteristics to speed your:

Production and additives settings and adjustments

Research and development of new film and sheet products

Inspection of incoming film and sheet products

In-process checks to ensure on-spec product for converting operations

## The Oakland Advantage

### **Meets ASTM**

Meets specifications of ASTM D1709 Methods A & B Standard Test Method for Free Falling Dart Impact Testing of Plastic Film.

### **Advanced Technical Features in Each Model**

#### Easy, Manual or Pneumatic-assisted Operation

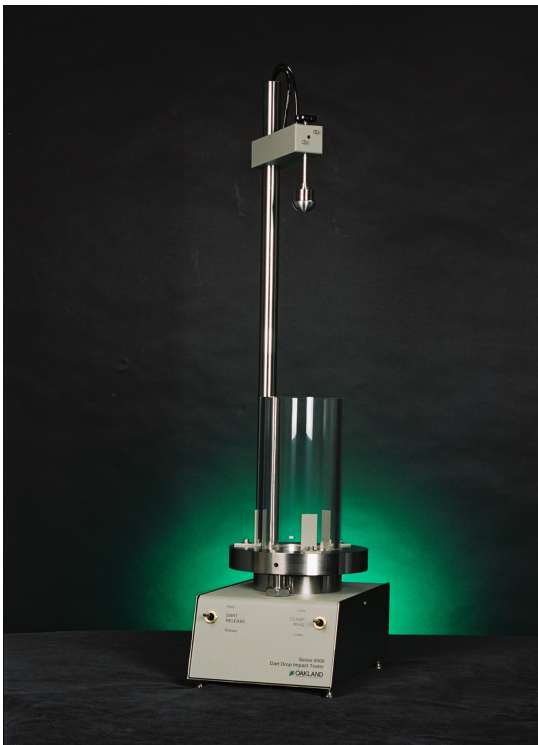
Two versions of operation available: Operate as a manual system or with pneumatic-assist for dart release and film/sheet sample clamping. Pneumatic clamping and dart release is useful for laboratories with higher volume sampling requirements.

#### Expandable; Flexible Operation for Method A & B Testing

Portable and expandable with models for Method A testing, or Method A & B combination testing. Extensions and custom dart stems & weights available for testing to your in-house developed requirements.

#### Affordable

Best of all, the series 8000 is economically priced.



*The Model DX-8285A Dart Impact Tester with Pneumatic Sample Clamp and Pneumatic Dart Release Mechanism*

### **Oakland Instrument Corp.**

Oakland Instrument Corp. specializes in the design, manufacture and distribution of test, measurement and control systems for the plastics, packaging, rubber and paper industries.

#### **Customer-Driven**

We team with our customers to help them solve their quality- and process-control problems.

#### **Technology-Based**

Our applications knowledge and engineering depth allow us to offer both standard and custom systems based on industry-leading technology.

<b>Specifications</b>	<b><u>Model DX-8165A</u></b>	<b><u>Model DX-8285A</u></b>	<b><u>Model DX-8165AB</u></b>	<b><u>Model DX-8285AB</u></b>
Mode of operation:	Off-line testing / lab use	Off-line testing / lab use	Off-line testing / lab use	Off-line testing / lab use
Materials:	All sheet materials	All sheet materials	All sheet materials	All sheet materials
Test Method Drop Height:	Method A 26 inch (66 cm)	Method A 26 inch (66 cm)	Methods A & B 26 inch (66 cm) and 60 inch (152 cm)	Methods A & B 26 inch (66 cm) and 60 inch (152 cm)
Dart Release Mechanism:	Manual - Thumb Screw	Pneumatic	Manual - Thumb Screw	Pneumatic
Sample Clamp Mechanism:	Manual - Toggle Clamp	Pneumatic	Manual - Toggle Clamp	Pneumatic
Dart Sets Included:	Method A: (412 gram) (2) 120 gr. (1) 60 gr. (1) 30 gr. (2) 15 gr. (2) 5 gr.	Method A: (412 gram) (2) 120 gr. (1) 60 gr. (1) 30 gr. (2) 15 gr. (2) 5 gr.	Method A: (412 gram) (2) 120 gr. (1) 60 gr. (1) 30 gr. (2) 15 gr. (2) 5 gr.  Method B: (1310 gram) (2) 320 gr. (1) 160 gr. (1) 80 gr. (2) 40 gr. (2) 15 gr.	Method A: (412 gram) (2) 120 gr. (1) 60 gr. (1) 30 gr. (2) 15 gr. (2) 5 gr.  Method B: (1310 gram) (2) 320 gr. (1) 160 gr. (1) 80 gr. (2) 40 gr. (2) 15 gr.
Optional Weights ASTM D1709 Suggested:	Method A: (8) 60 gr. (8) 30 gr. (8) 15 gr. (2) 5 gr.	Method A: (8) 60 gr. (8) 30 gr. (8) 15 gr. (2) 5 gr.	Method A: (8) 60 gr. (8) 30 gr. (8) 15 gr. (2) 5 gr.  Method B: (8) 90 gr. (8) 45 gr. (2) 15 gr.	Method A: (8) 60 gr. (8) 30 gr. (8) 15 gr. (2) 5 gr.  Method B: (8) 90 gr. (8) 45 gr. (2) 15 gr.
Dart Head Material Provided:	Phenolic	Phenolic	Phenolic (Method A) Stainless (Method B)	Phenolic (Method A) Stainless (Method B)
Air Requirements:	None	60 psi Dry & Filtered	None	60 psi Dry & Filtered
Power Requirements:	None	None	None	None
Overall Height:	48 inch	48 inch	80 inch	80 inch
Weight:	55 lb	55 lb	65 lb	65 lb

(Due to continuous product improvement, all specifications are subject to change without notice.)

## Ordering Information

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